*Research papers*

The effect of alteration and metamorphism on wall rocks to the Balcooma and Dry River South volcanic-hosted massive sulfide deposits, Queensland, Australia
D.L. Huston ..... 277

Size distribution of gold in some soils associated with selected gold mineralization in Canada and the United States of America
T.A. Delaney and W.K. Fletcher ..... 309

Mobilization of gold into lake sediments from acid and alkaline mineralized environments in the southern Canadian Shield: Gold in lake sediments and natural waters
H.R. Schmitt, E.M. Cameron, G.E.M. Hall and J. Vaive ..... 329

*Discussion*

Application of metal zoning to gold exploration in porphyry copper systems, by B.K. Jones
Comments, by G.V. Albino ..... 359
Reply, by B.K. Jones ..... 365

*Book reviews*

Geology and Ore Deposits of the Great Basin, by G.L. Raines et al. (Editors)–
T.J. Bottrill ..... 367

Other publications received ..... 371

*Contents Volume 48* ..... 374